

Message Text

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PAGE 01 STATE 152407
ORIGIN NASA-02

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TO AMEMBASSY OTTAWA PRIORITY

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E.O. 11652: N/A

TAGS: TSPA

SUBJECT: CLEARANCE REQUEST FOR FIELD TRIP RELATED TO
----- NASA SPONSORED RESEARCH

REF: STATE 139213

1. SUMMARY: NASA LYNDON B. JOHNSON SPACE CENTER (JSC) WOULD LIKE TO SPONSOR A GEOLOGICAL FIELD EXCURSION TO MANICOUAGAN CRATER, QUEBEC, IN CONJUNCTION WITH ANNUAL MEETING OF NEW ENGLAND INTERCOLLEGIATE GEOLOGICAL CONFERENCE (NEIGC) SEPTEMBER 24-25, 1977. AS OUTLINED IN REFTTEL, LUNAR SCIENCE RESEARCH STUDIES CONDUCTED BY JSC DURING THE LAST THREE YEARS HAVE INVOLVED STUDY OF SELECTED TERRESTRIAL ANALOGS OF MOON AND PLANETARY FEATURES. TERRESTRIAL IMPACT CRATERS, SUCH AS MANICOUAGAN AND CLEARWATER LAKES IN CANADA, PROVIDE WELL-PRESERVED AND ACCESSIBLE ANALOGS OF LARGE LUNAR CRATERS.

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2. IF EXCURSION IS APPROVED BY GOC, DR. JEFFREY L. WARNER, CHIEF, GEOCHEMISTRY BRANCH, JSC, WOULD LIKE TO VISIT GAGNON AND LAKE MANICOUAGAN, QUEBEC, FOR PERIOD JULY 13-23, 1977, TO MAKE PRELIMINARY ARRANGEMENTS. THESE ARRANGEMENTS

WOULD INCLUDE PREPARATION FOR AIRCRAFT SUPPORT, VERIFICATION OF LOCALITIES, SELECTION OF SPECIFIC LOCALITIES,

AND CHECKING OF ROUTES WITHIN MANICOUAGAN CRATER. THE VERIFICATION OF LOCALITIES AND CHECKING OF ROUTES WOULD INCLUDE MEASUREMENTS OF ATTITUDES OF ROCKS, MEASUREMENTS OF DIMENSIONS OF CLIFFS, CHIPPING OF ROCKS WITH A HAMMER, AND STUDYING OF FRESH SURFACES OF CHIPS WITH BOTH NAKED EYE AND HAND LENS.

3. EQUIPMENT TO BE IMPORTED: NONE.

4. ITEMS EXPECTED TO BE EXPORTED: WARNER DOES NOT PLAN TO EXPORT ANY MATERIAL. HOWEVER, DR. CHARLES SIMONDS, LUNAR SCIENCE INSTITUTE (SEE REFTEL), MAY EXPORT CHIPS FOR FURTHER STUDY.

5. NAME AND AFFILIATION OF PERSONNEL TO BE CONTACTED:

DR. RENE BELAND
DEPARTMENT OF GEOLOGY
UNIVERSITE LAVAL
STE. FOY G1K 7P4, QUEBEC, CANADA

6. EMBASSY ACTION: PLEASE OBTAIN GOC APPROVAL FOR A GEOLOGICAL FIELD EXCURSION TO MANICOUAGAN CRATER, SEPTEMBER 24-25, 1977 AND A PRELIMINARY VISIT BY DR. WARNER JULY 13-23, 1977. NASA REGRETS SHORT LEAD TIME.

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Message Attributes

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